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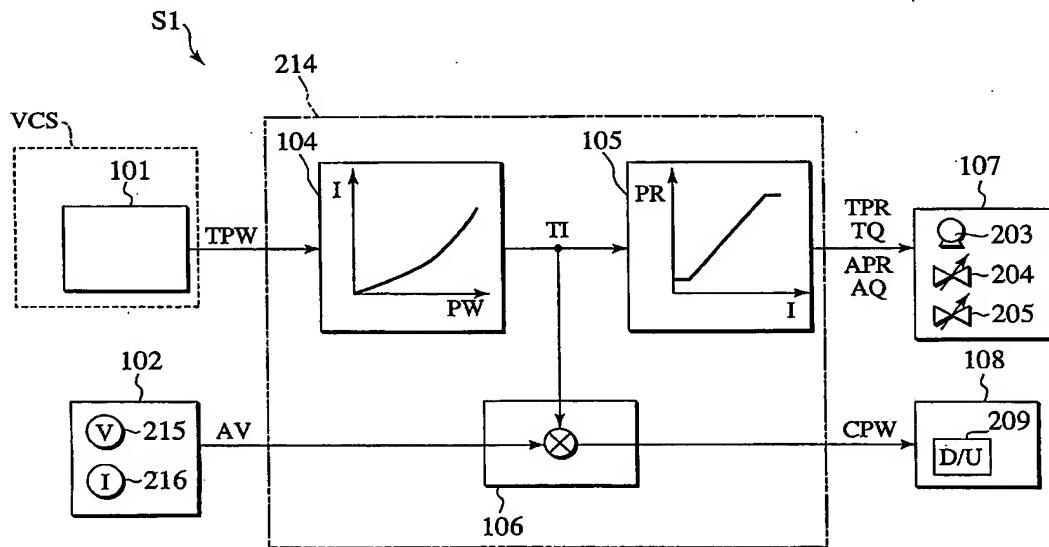
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(54) Title: POWER GENERATION CONTROL SYSTEM FOR FUEL CELL



(57) **Abstract:** A power generation control system which includes: a fuel cell (201); a target power provider (101) for the fuel cell (201); a operation status monitoring system (102) for monitoring output power from the fuel cell (201), in which the detected output power includes actual output voltage (AV) of the fuel cell (201); and a controller (214). The controller (214) includes: a target current computing unit (104) which calculates a target current (TI) from the target power (TPW) given by the target power provider (101), based on PW-I characteristic obtained from I-V characteristic of the fuel cell (201); and a command output power computing unit (106) which calculates a command output power (CPW) of the fuel cell (201) based on the target current (TI) and the actual output voltage (AV).

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